

Notice of Allowability

Application No.

10/654,484

Examiner

Daniel Lai

Applicant(s)

KOBAYASHI ET AL.

Art Unit

2617

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed on 27November 2007.
2. ☒ The allowed claim(s) is/are 1-8.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

DETAILED ACTION

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Attorney Michael Cammarata on 31 December 2007.

The application has been amended as follows:

Cancel claims 9-11.

REASONS FOR ALLOWANCE

Allowable Subject Matter

Claims 1-8 are allowed.

The following is an examiner's statement of reasons for allowance: The prior arts of record fail to teach a communication terminal that is connected to a public line network to communicate with a center apparatus connected to the public line network to send and receive short message data to/from another communication terminal via the center apparatus, the communication terminal comprising a master unit, and a slave unit operatively connected to said master unit performing mutual wireless communications with the master unit, the slave unit including a slave input device inputting short message data wherein the slave unit sending the

short message data inputted with the slave input device and receiving short message data from the master unit over wireless communications, the aster unit including a master input device inputting short message data and a master communicating device that is connected to a public line network, sending and receiving short message data to/from the center apparatus, wherein the master communicating device sending short message data received by the master communicating device to the slave unit and receiving short message data from the slave unit, a storing device storing a plurality types of communication protocol information, each of which corresponds to a center apparatus, to be used to communicate with the master communication device, a selecting device selecting a center apparatus to be communicated with among the center apparatus whose communication protocol information is stored, based on a predetermined condition, and a controlling device controlling the master communicating device so as to send short message data inputted with the master unit input device or short message data received by the master communicating device to the center apparatus when sending the short message data, and to receive short message data from the center apparatus when receiving the short message data based on the communication protocol information of the center apparatus selected by the selecting device, and determining whether or not the short message data received from the center apparatus is addressed to the slave unit, and when the short message data is determined as being addressed to the slave unit, controlling the master communicating device so as to send the received short message data to the slave unit.

Moran et al. (US 2002/0086689 A1, hereinafter Moran) discloses a communication system that is connected to a public line network to communicate with a center apparatus connected to the public line network to send and receive short message data to/from another

communication terminal via the center apparatus, the communication system comprising a master unit and a slave unit operatively connected to said master unit performing mutual wireless communications with the master unit, the slave unit including a slave input device inputting short message data, wherein data inputted with the slave input device and receiving short message data from the master unit over wireless communications, the master unit including a master input device inputting short message data, and to a public line network sending and receiving short message to/from the center apparatus, wherein the master communicating device sending short message data received by the master communicating device to the slave unit and receiving short message data from the slave unit and a storing device storing a plurality types of communication protocol information, each of which corresponds to a center apparatus, to be used to communicate with the master communication device.

Therefore, Moran discloses a system that is connected to a public line network to communicate with a center apparatus connected to the public line network to send and receive short message data to/from another communication terminal via the center apparatus, however, fails to teach a terminal apparatus comprising a master unit and a slave unit. Moran further fails to teach a selecting device selecting a center apparatus to be communicated with among the center apparatus whose communication protocol information is stored, based on a predetermined condition, and a controlling device controlling the master communicating device so as to send short message data inputted with the master unit input device or short message data received by the master communicating device to the center apparatus when sending the short message data, and to receive short message data from the center apparatus when receiving the short message data based on the communication protocol information of the center apparatus selected by the

selecting device, and determining whether or not the short message data received from the center apparatus is addressed to the slave unit, and when the short message data is determined as being addressed to the slave unit, controlling the master communicating device so as to send the received short message data to the slave unit.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Daniel Lai whose telephone number is (571) 270-1208. The examiner can normally be reached on Monday – Thursday, 9:00 a.m. – 4:00 p.m., EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nick Corsaro can be reached on (571) 272-7876. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.


Application/Control Number:
10/654,484
Art Unit: 2617

Page 6

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

DL

D.L.


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